



AGENDA BILL APPROVAL FORM

Agenda Subject: Award Contract 08-26		Date: July 28, 2009
Department: Public Works	Attachments: Budget Status Sheet, Bid Tab Summary & Map	Budget Impact: \$ 0
Administrative Recommendation: <p>City Council accept the Project Design (Pre-Construction activities), as required by the Public Works Trust Fund Board and award Contract 08-26, Project Number C307B, Citywide Intelligent Transportation System (ITS) Phase 1B, to Signal Electric on their low bid of \$712,236.20.</p>		
Background Summary: <p>This project will provide an expansion of the existing Intelligent Transportation System (ITS) for efficient real time traffic management and incident management on specific corridors within the City and adds 13 cameras and 30 signals to the existing system. The work includes the following elements:</p> <ul style="list-style-type: none"> • A communications system that will enable signal coordination, video transmission and data collection along the Auburn Way North and the S 277th Street Corridors. • Connections and upgrades to existing communications systems on 37th St NW, 15th St NW, Harvey and M Street and all of downtown. • Provide a fiber optic connection between the Washington Department of Transportation (WSDOT) and King County ITS infrastructure allowing for data and video sharing as appropriate between the City of Auburn, WSDOT and King County Traffic Control Centers. This will also allow for the display of traffic conditions in the City of Auburn on the WSDOT and King County commuter web pages. • Provides for replacement of the existing signal power cabinets to provide Battery Backup systems and uninterruptible signal power supply along the S 277th and Auburn Way North corridors. <p>A project budget contingency of \$38,390 remains in the 328 fund, Project CP0820, 2008 Signal Improvement Project and a project budget contingency of \$19,000 remains in the 518 fund.</p> <p>W0803-11 O4.10.1</p>		
Reviewed by Council & Committees: <div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <input type="checkbox"/> Arts Commission <input type="checkbox"/> Airport <input type="checkbox"/> Hearing Examiner <input type="checkbox"/> Human Services <input type="checkbox"/> Park Board <input type="checkbox"/> Planning Comm. </div> <div style="width: 45%;"> COUNCIL COMMITTEES: <input type="checkbox"/> Finance <input type="checkbox"/> Municipal Serv. <input type="checkbox"/> Planning & CD <input checked="" type="checkbox"/> Public Works <input type="checkbox"/> Other _____ </div> </div>		Reviewed by Departments & Divisions: <div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <input type="checkbox"/> Building <input type="checkbox"/> Cemetery <input type="checkbox"/> Finance <input type="checkbox"/> Fire <input type="checkbox"/> Legal <input checked="" type="checkbox"/> Public Works </div> <div style="width: 45%;"> <input type="checkbox"/> M&O <input type="checkbox"/> Mayor <input type="checkbox"/> Parks <input type="checkbox"/> Planning <input type="checkbox"/> Police <input type="checkbox"/> Human Resources </div> </div>
Action: Committee Approval: <input type="checkbox"/> Yes <input type="checkbox"/> No Council Approval: <input type="checkbox"/> Yes <input type="checkbox"/> No Call for Public Hearing ___/___/___ Referred to _____ Until ___/___/___ Tabled _____ Until ___/___/___		
Councilmember: Wagner		Staff: Dowdy
Meeting Date: August 3, 2009		Item Number: V.C.4

BUDGET STATUS SHEET

Project No: C307B **Project Title:** City Wide Intelligent Transportation Systems (ITS) Phase 1B

Project Manager: Scott Nutter

Initiation Date: September 17, 2007

Advertisement Date: April 6, 2009

Award Date: _____

- ☐ Consultant Agreement

☐ Permission to Advertise

☒ Contract Award

☐ Change Order Approval

☐ Contract Final Acceptance

Date: July 28, 2009

Funds Budgeted (Funds Available)

Funding	Prior Years	2009	Total
102 Fund	\$0	\$0	\$0
518 Fund, IS Contribution (Fiber Proportional share)		\$100,000	\$100,000
328 Fund, Portion of Signal Improvement budget		\$143,958	
Muckleshoot Indian Tribe	\$300,000		\$300,000
King County	\$500,000		\$500,000
Federal Aid Funding	\$995,100	\$383,431	\$1,378,531
Public Works Trust Fund Phase 1B Only	\$161,571	\$28,179	\$189,750
CMAQ		\$290,000	\$290,000
Traffic Mitigation	\$51,812	\$26,800	\$78,612
Total	\$2,008,483	\$972,368	\$2,836,893

Estimated Cost (Funds Needed)

Activity	Prior Years	2009	Total
Phase 1A			
Design Engineering In House Phase 1A	\$21,958	\$0	\$21,958
Design Engineering Consultant Phase 1A	\$297,640	\$0	\$297,640
IT Procurement Phase 1A	\$366,152	\$0	\$366,152
Construction Contract Phase 1A	\$960,466	\$0	\$960,466
Construction Engineering Phase 1A	\$32,990	\$0	\$32,990
Phase 1B			
Design Engineering In House Phase 1B	\$1,071	\$20,000	\$21,071
Design Engineering Consultant Phase 1B	\$153,179	\$36,821	\$190,000
Permit PSE / WSDOT Costs	\$7,320	\$15,197	\$22,517
IT Procurement Phase 1B	\$167,707	\$20,000	\$187,707
Construction Bid Phase 1B	\$0	\$712,236	\$712,236
Construction Engineering In House Phase 1B	\$0	\$32,000	\$32,000
Construction Engineering (WSDOT) Phase 1B	\$0	\$7,500	\$7,500
Construction Contingency (10%)		\$71,224	\$71,224
Total	\$2,008,483	\$914,978	\$2,923,460

102 Arterial Street Budget

	Prior Years	2009	Total
102 Funds Budgeted	\$2,008,483	\$728,410	\$2,736,893
102 Funds Needed	\$2,008,483	\$728,410	\$2,736,892
(102 Fund Project Contingency)	(\$0)	(\$0)	\$0
102 Funds Required	\$0	\$0	\$0

518 Information Services Budget

	Prior Years	2009	Total
518 Funds Budgeted	\$0	\$100,000	\$100,000
518 Funds Needed	\$0	\$81,000	\$81,000
(518 Fund Project Contingency)	\$0	(\$19,000)	(\$19,000)
518 Funds Required	\$0	\$0	\$0

328 General Fund Budget

	Prior Years	2009	Total
328 Funds Budgeted	\$0	\$143,958	\$143,958
328 Funds Needed	\$0	\$105,568	\$105,568
(328 Fund Project Contingency)	\$0	(\$38,390)	(\$38,390)
328 Funds Required	\$0	\$0	\$0

Project Name: C307B0, Citywide ITS Phase 1B
Schedule No.: A - Street Improvement

Prepared by: City of Auburn
 Bid Date: 7/23/09

ENGINEER'S ESTIMATE:		\$ 803,935.94		
AVERAGE BID AMOUNT:		\$ 803,365.69		
BID SPREAD AMOUNT:		\$ 231,907.99		
LOW BIDDER:	Signal Electric			
Second Bidder:	Totem Electric of Tacoma			
		\$ 712,236.20	\$ (91,699.74)	-11.41%
		\$ 721,606.35	\$ (82,329.59)	-10.24%

Basic BID (Tax not Included)

Signal Electric	\$ 712,236.20
Totem Electric of Tacoma	\$ 721,606.35
Valley Electric of Mt. Vernon	\$ 744,562.00
Cannon Construction	\$ 894,279.71
Pilchuck Diversified Services	\$ 944,144.19

